

C. Amendment to the Claims

The following is a complete listing of the claims in this application, reflects all changes currently being made to the claims, and replaces all earlier versions and all earlier listings of the claims:

1. (Currently Amended) A communication apparatus which includes IP (Internet Protocol) communication means and transmits/receives communication data to/from a destination station discriminated by a telephone number, comprising:

IP address obtaining means for obtaining an IP address of the destination station from ~~a predetermined~~ an SIP (Session Initiation Protocol) proxy server based on the telephone number of the destination station; ~~and~~

~~control means for transmitting/receiving the communication data on an IP network based on a predetermined file transmit/receive protocol to/from the destination station by using the obtained IP address of the destination station.~~

facsimile communication means for performing facsimile communication on a line switching network;

converting means for converting a signal that said facsimile communication means transmits/receives into data on an IP network;

IP network connecting means adapted for connection to the IP network; and

control means for controlling to,

if it is able to transmit/receive communication data on the IP network based on a predetermined file transmit/receive protocol, start to transmit/receive image data to/from the destination station based on the predetermined file transmit/receive protocol, via the IP network connecting means, using the obtained IP address of the destination station, in response to the acquirement of the IP address by said IP address obtaining means, and

if it is not able to transmit/receive communication data on the IP network based on the predetermined file transmit/receive protocol, cause said facsimile communication means to start transmission/reception of image data to/from the destination station based on a predetermined file transmit/receive protocol, in response to the acquirement of the IP address of the destination station by said IP address obtaining means, and cause said converting means to execute conversion of the signal that said facsimile communication means transmits/receives and transmit/receive thus converted signal to/from the destination station via said IP network connecting means.

2. - 3. (Cancelled)

4. (Currently Amended) A communication apparatus according to Claim 1, wherein said IP address obtaining means judges, by analyzing the telephone number of the destination station, whether or not it is able to perform the communication with the destination station via a VoIP (Voice over Internet Protocol) network, and tries to

obtain the IP address of the destination station from ~~[[said]]~~ a predetermined server when it is ~~judged to~~ able to perform the communication via the VoIP network, and said control means transmits/receives the communication data to/from the destination station on the IP network based on the predetermined file transmit/receive protocol by using the obtained IP address of the destination station.

5. (Currently Amended) A communication apparatus according to Claim ~~[[3]]~~ 1, wherein said IP ~~communication means and said analog communication means are composed y using ADSL (Asymmetric digital Subscriber Line) gateway(s) which use bands obtained by frequency dividing an ADSL line by a splitter respectively for digital communication and analog communication, respectively~~ network connecting means is an ADSL (Asymmetric Digital Subscriber Line) modem.

6. (Currently Amended) A communication apparatus according to Claim 1, wherein ~~said control means obtains~~ the IP address of the destination station is obtained from ~~[[the]]~~ a predetermined server based on the telephone number of the destination station by using a predetermined UDP (User Datagram Protocol), and controls to transmit/receive the communication data to/from the destination station by using the obtained IP address of the destination station, based on a predetermined TCP (Transmission Control Protocol).

7. (Currently Amended) A control method of a communication apparatus which includes an IP communication means and transmits/receives communication data to/from a destination station discriminated by a telephone number, comprising the steps of:

obtaining an IP address of the destination station from a ~~predetermined~~ an SIP proxy server based on the telephone number of the destination station; and

~~transmitting/receiving the communication data on an IP network based on a predetermined file transmit/receive protocol to/from the destination station by using the obtained IP address of the destination station~~

performing a facsimile communication on a line switching network;

converting into data a signal transmitted/received on the IP network;

connecting IP network connecting means to an IP network; and

controlling to,

if able to transmit/receive communication data on the IP network based on a predetermined file transmit/receive protocol, start to transmit/receive image data to/from the destination station based on the predetermined file transmit/receive protocol using the obtained IP address of the destination station, in response to the acquirement of the IP address, and

if not able to transmit/receive communication data on the IP network based on the predetermined file transmit/receive protocol, start transmission/reception of image data to/from the destination station based on the predetermined file transmit/receive

protocol in response to the acquirement of the IP address of the destination station, and execute conversion of the signal that is transmitted/received and transmit/receive thus converted signal to/from the destination station.

8. - 9. (Cancelled)

10. (Currently Amended) A control method according to Claim 7, wherein the telephone number of the destination station is analyzed to judge whether or not it is able to perform the communication with the destination station via a VoIP network, it is tried to obtain the IP address of the destination station from ~~[[the]]~~ a predetermined server when it is ~~judged to be~~ able to perform the communication via the VoIP network, and the communication data is transmitted/received to/from the destination station on the IP network based on the predetermined file transmit/receive protocol by using the obtained IP address of the destination station.

11. (Currently Amended) A control method according to Claim ~~[[9]]~~ 7, wherein ~~the transmission/reception of the communication data on the IP network and the transmission/reception of the communication data on the analog communication path are performed by using ADSL gateway(s) which use bands obtained by frequency dividing an ADSL line by a splitter respectively for digital communication and analog communication,~~ respectively connecting means is an ADSL modem.

12. (Currently Amended) A control method according to Claim 7, wherein the IP address of the destination station is obtained from ~~[[the]]~~ a predetermined server based on the telephone number of the destination station by using a predetermined UDP, and the communication data is transmitted/received to/from the destination station by using the obtained IP address of the destination station, based on a predetermined TCP.

13. (Currently Amended) A control program for a communication apparatus which includes an IP communication means and transmits/receives communication data to/from a destination station discriminated by a telephone number, said program comprising the control steps of:

obtaining an IP address of the destination station from ~~a predetermined an~~ SIP proxy server based on the telephone number of the destination station; and

~~transmitting/receiving the communication data on an IP network based on a predetermined file transmit/receive protocol to/from the destination station by using the obtained IP address of the destination station~~

performing a facsimile communication on a line switching network;

converting into data a signal transmitted/received on the IP network;

connecting IP network connecting means to an IP network; and

controlling to,

if able to transmit/receive communication data on the IP network based on a predetermined file transmit/receive protocol, start to transmit/receive image data

to/from the destination station based on the predetermined file transmit/receive protocol using the obtained IP address of the destination station, in response to the acquirement of the IP address, and

if not able to transmit/receive communication data on the IP network based on the predetermined file transmit/receive protocol, start transmission/reception of image data to/from the destination station based on the predetermined file transmit/receive protocol in response to the acquirement of the IP address of the destination station, and execute conversion of the signal that is transmitted/received and transmit/receive thus converted signal to/from the destination station.

14. - 15. (Cancelled)

16. (Currently Amended) A control program according to Claim 13, further comprising [[the]] control steps of analyzing the telephone number of the destination station to judge whether or not it is able to perform the communication with the destination station via a VoIP network, trying to obtain the IP address of the destination station from [[the]] a predetermined server when it is ~~judged to be~~ able to perform the communication via the VoIP network, and transmitting/receiving the communication data to/from the destination station on the IP network based on the predetermined file transmit/receive protocol by using the obtained IP address of the destination station.

17. (Currently Amended) A control program according to Claim [[15]] 13, further comprising [[the]] a control step of performing the transmission/reception of the communication data on the IP network and the transmission/reception of the communication data on [[the]] an analog communication path by using ~~ADSL gateway(s)~~ which use bands obtained by frequency dividing an ADSL line by a splitter respectively for digital communication and analog communication, respectively modem.

18. (Currently Amended) A control program according to Claim 13, further comprising [[the]] a control steps of obtaining the IP address of the destination station from [[the]] a predetermined server based on the telephone number of the destination station by using a predetermined UDP, and transmitting/receiving the communication data to/from the destination station by using the obtained IP address of the destination station based on a predetermined TCP.

19. (Original) A communication method which sends/receives communication data in IP (Internet Protocol) communication between communication apparatuses discriminated by telephone numbers, wherein

a first communication apparatus obtains an IP address of a second communication apparatus from a predetermined server based on the telephone number of the second communication apparatus, and sends a data communication request to the second communication apparatus based on the obtained IP address, and

the communication apparatus on a data receiving side of the first and second communication apparatuses sends a data sending request to the communication apparatus on a data sending side based on a data send/receive protocol conforming to an HTTP (HyperText Transport Protocol), and sends/receives the communication data on an IP network based on the data send/receive protocol.

20. (Original) A communication method according to Claim 19, wherein the predetermined server is an SIP (Session Initiation Protocol) proxy server, and the first communication apparatus obtains the IP address of the second communication apparatus from the SIP proxy server based on an SIP.

21. (Original) A communication method according to Claim 19, wherein the communication apparatus on the data receiving side of the first and second communication apparatuses has a WWW (World Wide Web) communication function for performing processes such as browsing, a jump to another link, recording output, transfer and the like in respect to data of a WWW server using the data send/receive protocol conforming to the HTTP, and receives the communication data from the communication apparatus on the data sending side by using the WWW communication function.

22. (Original) A communication method according to Claim 21, wherein the communication apparatus on the data receiving side of the first and second

communication apparatuses performs the processes such as the browsing, the jump to another link, the recording output, the transfer and the like in respect to the communication data received from the communication apparatus on the data sending side by using the WWW communication function.

23. (Currently Amended) A communication apparatus wherein said communication apparatus operates as the first or second communication apparatus described in ~~any one of Claims 19 to 22~~ Claim 19.

24. (Currently Amended) A communication apparatus wherein said communication apparatus operates as the communication apparatus on the data sending side or the communication apparatus on the data receiving side described in ~~any one of Claims 19 to 22~~ Claim 19.

25. (Currently Amended) A control program for a communication apparatus which controls the operation of the first or second communication apparatus described in ~~any one of Claims 19 to 22~~ Claim 19.

26. (Currently Amended) A control program for a communication apparatus which controls the operation of the communication apparatus on the data sending

side or the communication apparatus on the data receiving side described in ~~any one of~~
~~Claims 19 to 22~~ Claim 19.